

Title (en)

Time and wavelength division switching system.

Title (de)

Zeit- und Wellenlängenvermittlungssystem.

Title (fr)

Système de commutation à division de temps et de longueur d'onde.

Publication

EP 0642288 A2 19950308 (EN)

Application

EP 94117609 A 19880929

Priority

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- JP 13695588 A 19880602

Abstract (en)

The time and wavelength division multiplexed optical switching system comprises a source for generating a plurality of time division multiplexed (TDM) channels of different wavelengths; coupling means (230) connected to said source for coupling said TDM channels to a plurality of outputs; a plurality of wavelength selector means (400) connected respectively to the outputs of said coupling means for selecting one of said TDM channels in response to a wavelength selection command signal applied thereto; a plurality of optical gate means (401) connected respectively to the outputs of said wavelength selector means for selecting a time slot of said selected TDM channel in response to a time slot selection signal applied thereto; and a plurality of subscriber terminals respectively associated with said optical gate means, each of said terminals having an optoelectrical converter coupled through an optical transmission medium to the output of the associated optical gate means.

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Cited by

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